

TECHNICAL DATA SHEET
WARM DUPLEX FOAM
FOR FLOATING FLOORS



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WARM DUPLEX FOAM

Warmfoam insulation is ideal for the installation of raised floors. With its triple-layer structure, it ensures optimal performance in that each material covers a specific property:

- the 440 g/m² TNT base ensures high thermal insulation and adherence with the substrate during installation;
- the sheet of aluminum is an excellent vapor barrier and acts as a reflector of infrared light, directing it towards the active side;
- the polyethylene foam provides the system with mechanical stability and dampens noise to reduce the sound of footsteps.



TECHNICAL CHARACTERISTICS

ROLLS OF INSULATION FOR FLOATING FLOORS			
MODEL		AREA (m ²) / DIMENSIONS (m)	
h. 700	h.1000 mm	h. 700	h.1000 mm
WDF2.5-7	WDF2.5-10	2.5 / 0.7 X 3.6	2.5 / 1 X 2.5
WDF5.0-7	WDF5.0-10	5.0 / 0.7 X 7.25	5.0 / 1 X 5
WDF10-7	WDF10-10	10 / 0.7 X 14.5	10 / 1 X 10
WDF25-7	WDF25-10	25 / 0.7 X 35.7	25 / 1 X 25
TECHNICAL DATA			
THICKNESS	5 / 7 mm		
WEIGHT	0,660 Kg/m ² / 0,735 Kg/m ²		
VALUE R _m (m ² .K.W. ⁻¹)	0.19		
DENSITY	30 +/- 3 Kg/m ³		
LONGITUDINAL ULTIMATE TENSILE STRENGTH	> 0,18 N/mm ²		
TRANSVERSE ULTIMATE TENSILE STRENGTH	> 0,16 N/mm ²		
TEMPERATURE IN USE	-40 °C / +95 °C		
WATER VAPOR PERMEABILITY	0,12 ng/Pa s m		
THERMAL CONDUCTIVITY	λ = 0,0340 Kcal/h m °C		